



aflasafe™

A Kenyan farmer applying aflasafe™ in her maize field. Source: aflasafe™

aflasafe™ for safe crops, better health and higher income

Aflatoxins are toxic poisons produced by the fungus *Aspergillus flavus* in crops. They result in liver cancer, immune-suppression, stunting, and death in humans and animals. Aflatoxin contamination presents a barrier to trade and economic growth. IITA and USDA-ARS in partnership with several organizations have developed a series of biocontrol products generically named as aflasafe™ in different countries. aflasafe™ uses native strains of non-toxigenic *A. flavus* to out-compete their aflatoxin-producing cousins. This replacement of high aflatoxin producers by non-toxin producers reduces aflatoxins in the crops. aflasafe™ use in about 50,000 hectares in Africa has consistently reduced aflatoxins by >80% throughout maize and groundnut value chains.

- One application of aflasafe™ in the field protects maize/groundnut along the entire value chain (from farm to fork).
- Healthier farm families and higher income as aflasafe™ treated maize fetches 13-17% premium in markets.
- Productive animals and increased profitability of poultry industry as aflasafe™ treated maize reduces mortality in chicken by 40%.
- Use of aflasafe™ increases opportunities for trade in both regional and international premium markets as treated crops meet standards.

Learn more at:

www.aflasafe.com



CGIAR

Science for a food-secure future